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PATENT
Atty. Docket No. MIT-103
(5473/111)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Kawasaki et al.

SERIAL NUMBER: 09/422,999

GROUP NUMBER: 1646

FILING DATE: 10/22/99

EXAMINER: Murphy, J.

TITLE: GENES INTEGRATING SIGNAL TRANSDUCTION
PATHWAYS

Commissioner for Patents
Washington, D.C. 20231

APR 10 2003

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AMENDMENT AND RESPONSE

Sir:

This paper is responsive to the Office action mailed on December 2, 2002, in the above-identified patent application. For the reasons discussed below, Applicants respectfully request withdrawal of the objection made in the Office Action and allowance of the application. A Petition for a One Month Extension of Time and the requisite fee are included herewith.

Amendments

Please amend the application as follows:

In the Claims:

Please amend claim 45 as follows: